



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

81927-79

Date of Issuance:

4/23/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Flumi-Rim WDG

Name and Address of Registrant (include ZIP Code):

Mike Kellogg
Alligare, LLC.
c/o Pyxis Regulatory Consulting
4110 136th St. Ct. NW
Gig Harbor, WA 98332

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Shaja B. Joyner, Product Manager 20
Fungicide-Herbicide Branch
Registration Division 7505P

Date:

4/23/20

EPA Form 8570-6

2. You are required to comply with the data requirements described in the DCI identified below:

a. Flumioxazin GDCI-129034-1236

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 81927-79.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 4/20/2020
- Alternate CSF 1 dated 4/20/2020
- Alternate CSF 2 dated 4/20/2020
- Alternate CSF 3 dated 4/20/2020

If you have any questions, please contact Nathan Mellor by phone at 703-347-8562, or via email at mellor.nathan@epa.gov.

Enclosure

[Note to reviewer: [Text] in brackets denotes optional text].
[Note to reviewer: {Text} in braces denotes where in the final label text will appear].

{[BOOKLET FRONT PANEL LANGUAGE]}

FLUMIOXAZIN	GROUP	14	HERBICIDE
RIMSULFURON	GROUP	2	HERBICIDE

FLUMI-RIM WDG

[Alternate Brand Name: Promenade XTL]

HERBICIDE

FOR SELECTIVE AND NON-SELECTIVE WEED CONTROL IN NON-CROP SITES AND FOR WEED CONTROL ALONG ROADSIDES AND HIGHWAY MEDIANS, AT INDUSTRIAL PLANT SITES AND UTILITY SUBSTATIONS

ACTIVE INGREDIENT:	By Wt
Flumioxazin: (2-[7-flouro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione)	61.2%
Rimsulfuron: N-(4,6-dimethoxypyrimidin-2-yl)aminocarbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide	10.0%
OTHER INGREDIENTS:	<u>28.8%</u>
TOTAL:	100.0%

FLUMI-RIM WDG is a water dispersible granule containing 61.2% flumioxazin and 10.0% rimsulfuron as the active ingredients.

KEEP OUT OF REACH OF CHILDREN
CAUTION

[See] [inside] [label] [booklet] [for] [First Aid][,] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal Instructions][.]

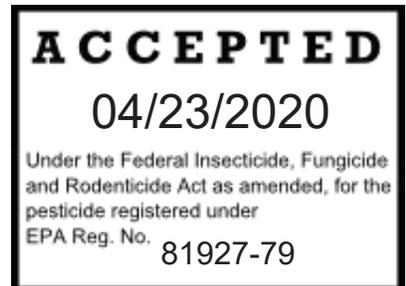
EPA Reg. No. 81927-xx

EPA Est. No.

Manufactured for:

Alligare, LLC
 1565 5th Avenue
 Opelika, AL 36801

Net Weight:



{LANGUAGE INSIDE BOOKLET}

FIRST AID	
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks

USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should: <ul style="list-style-type: none">• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to non-target plants and aquatic invertebrates. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to non-target plants and aquatic organisms in neighboring areas. **DO NOT** apply where runoff is likely to occur. **DO NOT** apply when weather conditions favor drift from treated areas. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

This pesticide is toxic to plants and should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Under some conditions this product may have a potential to run off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, including no-till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands or on the downhill side of fields where run-off could occur will minimize water run-off and is recommended.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT mix or allow coming into contact with oxidizing agents, hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protections of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of waterproof material
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR, Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

PRODUCT INFORMATION

FLUMI-RIM WDG is used for selective and non-selective weed control in non-crop sites and for weed control along roadsides and highway medians, at industrial plant sites and utility substations.

FLUMI-RIM WDG must be used only in accordance with directions on this label or in separate published Alligare, LLC directions. Alligare, LLC will not be responsible for losses or damage resulting from use of this product in any manner not specifically directed by Alligare, LLC.

FLUMI-RIM WDG is a water dispersible granule formulation containing 61.2% flumioxazine active ingredient and 10% rimsulfuron active ingredient by weight. It is noncorrosive to equipment, nonflammable, and nonvolatile. Continuous agitation is required to maintain the product in suspension in the spray tank. For best results, maintain spray tank solutions of FLUMI-RIM WDG pH 5 to 7. Degradation of FLUMI-RIM WDG may occur if it is used in a spray solution or with spray additives that buffer pH to below 4 or above 8.

Continuous agitation is required to maintain the product in suspension in the spray tank.

USE RESTRICTIONS

- **DO NOT** apply by air in the state of NY.
- **DO NOT** apply by air in the state of CA.
- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per application.
- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per year.
- **DO NOT** make more than one application of FLUMI-RIM WDG per acre per year.
- **DO NOT** apply within 300 feet of non-dormant pome or stone fruit crops.
- **DO NOT** graze or feed forage from treated areas to livestock.
- **DO NOT** apply when weather conditions favor spray drift from treated areas.
- **DO NOT** incorporate into soil after application.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** apply to moist or wet desirable plant foliage.
- **DO NOT** contaminate any body of water including irrigation water that may be used on other sites.
- **DO NOT** apply in or on irrigation canals or ditches including their outer banks.
- **DO NOT** apply FLUMI-RIM WDG directly to desirable trees or plants.
- **DO NOT** drain or flush equipment containing FLUMI-RIM WDG on or near desirable trees or plants, on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Desirable trees and plants whose roots extend into areas where spray tanks are drained or flushed may be injured.
- **DO NOT** use on lawns, walks, driveways, tennis courts, or similar areas.
- **DO NOT** apply to frozen or snow-covered soil. Injury may occur from applications made to poorly drained soils.

USE PRECAUTIONS

- Treatment of powdery, dry soil or light sandy soil, or light sandy soil when there is little to no likelihood of rainfall soon after may result in off target movement and possible damage to actively growing susceptible crops when soil particles are moved by wind or water. **DO NOT** apply when these soil and environmental conditions are present.
- Carefully observe sprayer cleanup instructions, as spray tank residue may damage other plants.
- Thoroughly clean application equipment immediately after use. (See the **Equipment Cleanup** section of this label for instructions.)
- Avoid spray drift to any adjacent crops, planned planting areas, and desirable plants, as injury may occur.

- For best results, maintain spray tank solution at pH 5 to 7.
- Preemergence use on soils containing more than 6% organic matter may not provide adequate soil residual weed control and may result in reduced weed control.
- Crops (especially crops other than pome fruit, tree nuts, stone fruit, citrus, grapes, potatoes, tomatoes, and field corn) whose roots extend into a treated area may be injured.
- If tank mixing FLUMI-RIM WDG with another herbicide, check to see if the selected companion herbicide has a ground or surface water advisory. If it does, consider the advisory when using the companion herbicide.

WINDBLOWN SOIL PARTICLES

FLUMI-RIM WDG has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying FLUMI-RIM WDG if prevailing local conditions may be expected to result in off-site movement.

RESISTANCE MANAGEMENT

For resistance management, please note that FLUMI-RIM WDG contains both a Group 14/Flumioxazin and a Group 2/Rimsulfuron herbicide. Any weed population may contain or develop plants naturally resistant to Group 14 and/or Group 2 herbicides. The resistant individuals may dominate the weed population if these herbicides are used repeatedly in the same use site. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Avoid the consecutive use of FLUMI-RIM WDG or other target site of action Group 14/Group 2 herbicides that might have a similar target site of action, on the same weed species.
- Use tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Base herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Scout fields prior to application to identify the weed species present and their growth state to determine if the intended application will be effective.
- Scout fields after application to verify that the treatment was effective and to monitor weed populations for early signs of resistance development.
- Contact your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management for specific crops and resistant weed biotypes.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

Report any incidence of non-performance of this product against a particular weed species to your Alligare LLC retailer, representative or call 888-252-4427. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

APPLICATION EQUIPMENT

Application equipment must be clean and in good repair. Nozzles must be uniformly spaced on boom and frequently checked for accuracy.

Broadcast Application: Apply FLUMI-RIM WDG and FLUMI-RIM WDG tank mixes, with ground equipment using standard commercial sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume.

Band Application: When banding, use proportionately less water and FLUMI-RIM WDG per acre.

Handgun Application: Applications may also be made using a handgun sprayer. Use a spray volume of at least 40 gals per acre to ensure uniform coverage.

AERIAL APPLICATION

- **Aerial applications are limited to maintaining weed free railroad beds, railroad yards and surrounding areas and military installations.**

To obtain satisfactory weed control with aerial applications of FLUMI-RIM WDG, uniform coverage must be obtained. **DO NOT** spray when drift is possible or when wind velocity is more than 10 mph. Avoid spraying FLUMI-RIM WDG within 200 feet of dwellings, adjacent sensitive crops or environmentally sensitive areas. To obtain satisfactory application and drift, the following directions must be observed:

- **Volume Pressure**
Use FLUMI-RIM WDG in 5 to 10 gals of water per acre with a maximum spray pressure of 40 PSI. Application at less than 5 gals per acre will provide inadequate weed control. Higher gallonage applications provide more consistent weed control.
- **Nozzle and Nozzle Operation**
Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles, including diaphragm type nozzles to avoid unwanted discharge of spray solution. The nozzle must be directed toward the rear of the aircraft, at an angle between 0 and 15° downward. **DO NOT** place nozzles on the outer 25% of the wings or rotors.
- **Adjuvants**
Refer to the additive section or the tank mix partner label for adjuvant directions.

ADDITIVES

POSTEMERGENCE APPLICATIONS

When applying FLUMI-RIM WDG after weed emergence, mix with an agronomically approved adjuvant. Use a crop oil concentrate which contains at least 15% emulsifiers and 80% oil or a non-ionic surfactant containing at least 80% active ingredient when applying FLUMI-RIM WDG as part of a postemergence weed control program. Verify mixing compatibility by a jar test before using.

Buffering Agents and Water Conditioners - A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lb/A or a 28 to 32% nitrogen solution at 1 to 2 qt/A) may be added to the spray mixture along with a crop oil concentrate or non-ionic surfactant to enhance weed control. The addition of a nitrogen source does not replace the need for crop oil concentrate or non-ionic surfactant.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND FLUMI-RIM WDG

Perform a jar test before mixing commercial quantities of FLUMI-RIM WDG, when using FLUMI-RIM WDG for the first time, when using new adjuvants or when a new water source is being used.

1. Add 1 pt of water to a quart jar. Use water from the same source and the same temperature as the water used in the spray tank mixing operation.
2. Add 3 grams (approximately 1 level tsp) of FLUMI-RIM WDG for the 7.5 oz/A rate or 4 grams (approximately 1 ½ tsp) for 10 oz/A rate to the jar. Gently mix until product disperses.
3. Add 60 ml (4 Tbsp or 2 fl oz) of additive to the quart jar and gently mix.

4. If nitrogen is being used, add 16 ml (1 Tbsp) of the 28 to 32% nitrogen source to the quart jar. If ammonium sulfate is being used, add 19 grams of AMS to the quart jar in place of the 28 to 32% nitrogen.
5. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
6. An ideal tank mix combination will be uniform and free of suspended particles. If any of the following conditions are observed, question the choice of adjuvants:
 - a) Layer of oil or globules on the solution surface.
 - b) Flocculation: Fine particles in suspension or as a layer on the bottom of the jar.
 - c) Clabbering: Thickening texture (coagulated) like gelatin.

SPRAY EQUIPMENT, MIXING INSTRUCTIONS AND CLEANUP

Equipment: For specific application equipment, refer to the manufacturer's directions for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc. Air and ground equipment should be properly calibrated with clean water before making an application of FLUMI-RIM WDG. Thorough coverage is required for best weed control. The spray delivery system should provide a uniform spray pattern with a minimum of drift.

Avoid spray drift onto nontarget sites by using properly calibrated equipment, appropriate spray volumes for the intended use site, and avoiding an application during inclement weather conditions that favor spray drift. For additional information of spray drift, refer to the **SPRAY DRIFT MANAGEMENT** section of this label.

Mixing Instructions: It is very important that the spray equipment is clean and free of previous pesticide deposits before mixing FLUMI-RIM WDG. Follow these steps when mixing a spray solution with FLUMI-RIM WDG:

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. To ensure a uniform spray mixture, pre-slurry the required amount of FLUMI-RIM WDG Herbicide with water prior to addition to the spray tank. Use a minimum of 1 gal of water per 10 oz of FLUMI-RIM WDG Herbicide.
3. While agitating, slowly add the pre-slurried FLUMI-RIM WDG Herbicide to the spray tank. Agitation creates a rippling or rolling action of the water surface.
4. If tank mixing FLUMI-RIM WDG Herbicide with other labeled herbicides, add water soluble formulations first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
5. Add any required adjuvants.
6. Fill spray tank to desired level with water. **Continue agitation until spray solution has been applied.**
7. Mix only the amount of spray solution that can be applied the day of mixing. Apply FLUMI-RIM WDG Herbicide within 24 hours of mixing.

For best results, maintain spray tank solutions of FLUMI-RIM WDG pH 5 to 7. Degradation of FLUMI-RIM WDG may occur if it is used in a spray solution or with spray additives that buffer pH to below 4 or above 8.

Equipment Cleanup: The spray equipment must be cleaned and free of previous pesticide deposits before FLUMI-RIM WDG is mixed and used. Follow the cleanup procedures specified on the labels of the previously applied products. If no cleanup directions are provided, follow the steps provided below for cleaning up after spraying FLUMI-RIM WDG. Thoroughly clean all mixing and spray equipment immediately following applications of FLUMI-RIM WDG to avoid subsequent plant injury.

When cleaning spray equipment before mixing FLUMI-RIM WDG, read and follow label directions for proper rinsate disposal of the product previously sprayed. Steam clean spray tanks prior to the cleanout procedure outlined below to facilitate the removal of any caked pesticide deposits.

When multiple loads of FLUMI-RIM WDG are applied or when mixing and spraying equipment will be used over an extended period to apply multiple loads of FLUMI-RIM WDG, at the end of each day of spraying, rinse the interior of the tank with fresh water, flush the boom and hoses, and then partially fill the tank and allow to sit overnight. This will prevent the buildup of dried pesticide deposits from accumulating in the application equipment.

After Spraying FLUMI-RIM WDG

1. Drain the tank and thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gallon of household ammonia* (contains at least 3% active ingredient) for every 100 gallons of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Flush the hoses, boom, and nozzles again with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing ammonia* and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. If only ammonia is used as a cleaner, the rinsate solution may be applied back to the site(s) listed on this label. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

*Equivalent amounts of an alternate-strength ammonia solution or an Alligare-approved spray equipment cleaner can be used in the cleanup procedure. Carefully read and follow the individual cleaner instructions. Consult your agricultural dealer, applicator, or Alligare representative for a listing of approved spray equipment cleaners for use with FLUMI-RIM WDG.

Additional Notes for Cleanup

1. **DO NOT** use chlorine bleach with ammonia, as dangerous gases will form. **DO NOT** clean equipment in an enclosed area.
2. When FLUMI-RIM WDG is tank mixed with other pesticides, examine all required cleanout procedures and follow the most rigorous procedure.
3. In addition to this cleanout procedure, follow all pre-application cleanout guidelines on subsequently applied products as per the individual labels.
4. Where routine spraying practices include shared equipment frequently being switched between applications of FLUMI-RIM WDG and applications of other pesticides to plants sensitive to FLUMI-RIM WDG during the same spray season, dedicate a sprayer to FLUMI-RIM WDG applications to further reduce the chance of plant injury.

MANDATORY SPRAY DRIFT DIRECTIONS

Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or vegetative canopy.

- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boom-less Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Spray Drift Advisories

- **THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.**
- **BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.**
- **IMPORTANCE OF DROPLET SIZE**
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.
Controlling Droplet Size - Ground Boom
 - Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
 - Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
 - Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.
 Controlling Droplet Size - Aircraft
 - Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.
- **BOOM HEIGHT - Ground Boom**
Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the target area and have minimal bounce.
- **RELEASE HEIGHT - Aircraft**
Higher release heights increase the potential for spray drift. When applying aurally, do not release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- **SHIELDED SPRAYERS**
Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.
- **TEMPERATURE AND HUMIDITY**
When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.
- **TEMPERATURE INVERSIONS**
Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.
- **WIND**
Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**
Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

- Boom-less Ground Applications:
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.
- Handheld Technology Applications:
Take precautions to minimize spray drift.

APPLICATION INFORMATION

Apply FLUMI-RIM WDG at 7.5 oz (0.287 lb ai flumioxazin/0.047 lb ai rimsulfuron) to 10 oz (0.38 lb ai flumioxazin/0.0625 lb ai rimsulfuron) broadcast per acre. Use the higher rate when weed pressure is historically high or longer residual control is desired.

For best preemergence residual activity, FLUMI-RIM WDG must be activated by rainfall and applied when soil temperatures are cool. Make applications to take advantage of normal rainfall patterns (minimum of ½ inch) and cooler temperatures. For best results, moisture for activation should occur within 2-3 weeks after application.

FOR SELECTIVE AND NON-SELECTIVE WEED CONTROL IN NON-CROP SITES

FLUMI-RIM WDG is a water dispersible granule formulation to be mixed with water and sprayed for nonselective weed control on private, public and military lands as follows: nonagricultural areas (including airports, highway, railroad and utility rights-of-way, sewage disposal areas, etc.); uncultivated agricultural areas – non-crop producing (including farmyards, fuel storage areas, fence rows, non-irrigation ditchbanks, barrier strips, etc.); industrial sites – outdoor (including lumberyards, pipeline and tank farms, etc.) and non-cropland wildlife habitats.

Application Instructions

Apply FLUMI-RIM WDG at 7.5 oz (0.287 lb ai flumioxazin/0.047 lb ai rimsulfuron) to 10 oz (0.38 lb ai flumioxazin/0.0625 lb ai rimsulfuron) broadcast per acre. Use the higher rate when weed pressure is historically high or longer residual control is desired. Use a minimum of 10 gallons of spray solution per acre. Nozzle selection must meet manufacturer's gallonage and pressure specifications for preemergence herbicide application.

For post-emergent applications, add an adjuvant (0.25% v/v non-ionic surfactant or 1 qt/acre crop oil concentrate) and apply at least 15 gallons of spray solution per acre. Use at least 20 gallons of spray solution per acre if dense vegetation or heavy residue is present on the soil surface. Nozzle selection must meet manufacturer's gallonage and pressure specifications for preemergence herbicide application.

Refer to the Pre-emergent and Post-emergent Grass and Broadleaf Weed Control tables for a list of grass and broadleaf weeds controlled or partially controlled.

Restrictions:

- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per application.
- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per year.
- **DO NOT** make more than one application of FLUMI-RIM WDG per acre per year.

FLUMI-RIM WDG may be used in weed management programs on non-crop sites to provide residual preemergence and early postemergence control of the following weeds;

Pre-emergent Grass and Broadleaf Weed Control		
Barnyardgrass	Goosegrass	Panicum, Fall *
Bluegrass, Annual *	Groundsel, common	Pearlwort, Birdseye
Brome, Annual	Henbit	Pigweed, Prostrate *
Brome, Downy	Ivy, Ground	Pigweed, Redroot
Brome, Foxtail	Japanese stillgrass	Pigweed, Smooth
Brome, Ripgut	Jimsonweed *	Pineappleweed
Buttercup, Corn	Junglerice	Plantain, Broadleaf
Carpetweed *	Kochia	Puncturevine
Cat's Ear Spotted *	Kylinga, Green	Purslane, common
Celery, Wild *	Lambsquarters, common *	Quackgrass
Chamomile, False	London Rocket	Ragweed, common *
Clover, Red *	Lovegrass, California	Russian, Thistle, (seedling) *
Cocklebur *	Lovegrass, Tufted	Signalgrass, Broadleaf *
Crabgrass, Large *	Mallow, common	Smartweed, Pennsylvania *
Dandelion, common (seedling)	Marestail/horseweed	Sprangletop, Mexican
Fiddleneck, Coast	Mayweed	Spurge, Prostrate
Filaree Redstem	Medusahead	Spurge, Spotted
Filaree, Redstem	Morningglory, Ivyleaf *	Starbur, Bristly
Filaree, Whitestem	Mustard, Birdsrape *	Thistle, Canada *
Fleabane, Hairy	Mustard, Black *	Velvetleaf *
Foxtail, Bristly,	Nightshade, Black *	Ventenata
Foxtail, Giant	Nightshade, Hairy *	Wheat, Volunteer
Foxtail, Green	Nutsedge, Yellow *	Whiteherb, Panicle
Foxtail, Yellow	Palmer, Amaranth *	Wild, Oat *
		* Partial Control

Post-emergent Grass and Broadleaf Weed Control		
Alyssum, Hoary	Henbit	Pigweed, Tumble
Amaranth, Palmer	Indigo, Hairy	Plantain, Buckhorn
Amaranth, Spiny	Jimsonweed	Pointsettia, Wild
Barley, Volunteer	Johnsongrass (seedling) *	Puncturevine
Barnyardgrass	Kochia	Purslane, common
Beggarweed, Florida	Ladysthumb	Pusley, Florida
Bittercrest, Hairy	Lambsquarters, common *	Quackgrass *
Bluegrass, Annual	Liverwort	Ragweed, common *
Burclover, California	Mallow, common	Ragweed, Giant

Post-emergent Grass and Broadleaf Weed Control		
Chamomile, False	Mallow, Little	Redmaids
Chickweed, common	Mallow, Venice	Rocket, Yellow
Chickweed, Mouseear	Millet, Wild-proso *	Sesbania, Hemp
Cocklebur *	Morningglory, Entireleaf	Shepherd's Purse
Crabgrass, Southern	Morningglory, Ivyleaf	Sida, Prickly (teaweed)
Crabgrass, Large	Morningglory, Red/Scarlet	Smartweed, Pennsylvania *
Crabgrass, Smooth	Morningglory, Smallflower	Sowthistle, Annual
Croton, Topic	Moss	Spurge, Prostrate
Dandelion, common (seedling) *	Mustard, Tumble	Spurge, Spotted
Dogfennel	Mustard, Wild	Stinkgrass *
Dogweed	Nightshade, Black	Thistle, Canada *
Eclipta	Nightshade, Eastern Black	Thistle, Russian
Foxtail, Bristly,	Nightshade, Hairy *	Velvetleaf *
Foxtail, Giant	Panicum, Fall	Waterhemp, Common
Foxtail, Green	Panicum, Texas	Waterhemp, Tall
Foxtail, Yellow	Parsley-Piert	Wheat, Volunteer
Galinsoga, Hairy	Pigweed, Prostrate *	Wild Radish
Geranium, Carolina	Pigweed, Redroot	Wild, Oat *
Groundsel, common	Pigweed, Smooth	Woodsorrel, Yellow
* Partial Control		

FOR SELECTIVE AND NON-SELECTIVE WEED CONTROL ALONG ROADSIDES, HIGHWAY MEDIANS, AT INDUSTRIAL PLANT SITES, AND AT UTILITY SUBSTATIONS

FLUMI-RIM WDG may be used in weed management programs along roadsides, highway medians, at industrial plant sites, and utility substations for control of a number of grass and broadleaf weeds. Where food and/or feed crops are grown or in areas where food and/ or feed crops are planned to be grown, care should be taken to prevent any direct spray of FLUMI-RIM WDG onto or to drift to these crops or planned planting areas since severe crop injury may occur.

Refer to the Pre-emergent and Post-emergent Grass and Broadleaf Weed Control tables for a list of grass and broadleaf weeds controlled or partially controlled.

Application Instructions

Apply FLUMI-RIM WDG at 7.5 oz (0.287 lb ai flumioxazin/0.047 lb ai rimsulfuron) to 10 oz (0.38 lb ai flumioxazin/0.0625 lb ai rimsulfuron) per acre in broadcast application making sure that coverage is uniform. Use the higher rate when weed pressure is historically high or longer residual control is desired. Use a minimum of 10 gallons of spray solution per acre. Nozzle selection must meet manufacturer's gallonage and pressure specifications for preemergence herbicide application.

Preemergence: Where possible, for best results, make preemergent applications of FLUMI-RIM WDG. FLUMI-RIM WDG must be activated by rainfall and applied when soil temperatures are cool for best preemergence and residual activity. Make applications to take advantage of normal rainfall patterns

(minimum of ½ inch) and cooler temperatures. For best results, moisture for activation should occur within 2 to 3 weeks after application. To provide a broader spectrum of residual weed control, FLUMI-RIM WDG may be applied in a tank mixture with other registered preemergence herbicides. When weeds are present at application, include a labeled burn down herbicide including glyphosate, paraquat, or glufosinate with an appropriate adjuvant.

Postemergence: For best results, make postemergence applications of FLUMI-RIM WDG to young, actively growing weeds. Include a burn down herbicide in postemergent applications. Include an adjuvant (0.25% v/v non-ionic surfactant or 1 qt/ac crop oil concentrate) when making postemergent applications.

Tank Mixtures: FLUMI-RIM WDG may be tank mixed with other herbicides registered for use along roadsides, highway medians, at industrial plant sites, and utility substations. It may also be tank mixed with any adjuvants registered for roadside, plant site, or utility substation use. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Restrictions:

- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per application.
- **DO NOT** apply more than 10 oz of FLUMI-RIM WDG (0.38 lb. flumioxazin ai / 0.0625 lb. rimsulfuron ai) per acre per year.
- **DO NOT** make more than one application of FLUMI-RIM WDG per acre per year.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Store in a cool, dry, secure place. **DO NOT** put formulation or dilute spray solution into food or drink containers. **DO NOT** store or transport near feed or food. Not for use or storage in or around the home. **DO NOT** contaminate water, food or feed by storage, disposal or cleaning equipment.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[Container statement for Nonrefillable plastic container small enough to shake]

[Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill.]

[-or-]

[Container statement for Nonrefillable plastic bag.]

[Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.]

[-or-]

[Container statement for Nonrefillable fiber drum with liner]

[Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then

offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.]

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

To the extent consistent with applicable law, upon purchase or use of this product, purchaser and user agree to the following terms:

Warranty: Alligare, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

Limitation of Liability: To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

[EPA approval date]